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Page 1 of 1

Docket No.: ILLINC.041CP1

CUSTOMER NO. 20995

Applicant : Chee, et al.
 App. No. : 09/344,526
 Filed : June 24, 1999
 For : DECODING OF ARRAY SENSORS WITH
 MICROSPHERES
 Examiner : Ardin Marschel
 Group Art Unit : 1631

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April 5, 2005

Jerry L. Hefner, Reg. No. 53,009

Transmitted herewith for filing and consideration in the above-referenced application are the following items:

(X) Amendment/Response in 9 pages.

(X) After Final

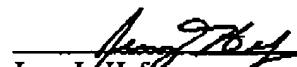
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ILLINC.041CP1

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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RESPONSE AFTER FINAL OFFICE ACTION

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This is in response to the final Office Action mailed December 15, 2004 for the above-referenced patent application. Applicants would like to thank the Examiner for the time and courtesy that was extended in the telephonic interview of April 4, 2005. Applicants respectfully request that the Examiner enter the following amendments and consider the following remarks.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Summary of Interview begins on page 7 of this paper.

Remarks/Arguments begin on page 8 of this paper.